Proposed Code Change
State Form 41186R

RETURN TO:
INDIANA DEPARTMENT OF HOMELAND SECURITY
CODE SERVICES SECTION
302 W. Washington Street Room W246
Indianapolis, IN 46204

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Received 12/12/09
Code 52.1.5-09

INSTRUCTIONS: *Only TYPED copy accepted.*
(KEY – ~~Dashed line through material to be deleted~~, underline material to be added)
Use second sheet for any material requiring more space.

Code Title	Edition
2009 Indiana Residential Code	First Edition
Section number and title	**Page**
R905.7.3.1, Ice barrier	1 of 1

Proponent	Title
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PROPOSED CODE CHANGE (Check One)

☐ Change to read as follows ☒ Add to read as follows ☐ Delete and substitute as follows ☐ Delete without substitution

Renumber the exception to R905.7.3.1 as 1. and add an exception to read as follows:

2. Roof systems where the attic insulation extends, at its full depth needed to meet the R-value required by Chapter 11, over and to the exterior edge of the top wall plate.

REASON

Ice barriers are required on the eaves of roofs because the insulation depth typically decreases with the depth of the rafter or truss as it approaches the edge of the building. The decreased depth of the insulation allows snow to melt which then freezes causing damming of water. As the dam builds subsequent melting water builds-up and siphons through the roofing into the interior of the structure. The required ice barrier material reduces the chance of the water penetrating the roofing materials and entering the structure. This proposal will not require the barrier where the depth of the insulation does not decrease at the edge of the structure, thus reducing the chance of snow melting and causing the water dam. This is accomplished by the use of an “energy” truss or rafter system. This will reduce the cost of construction and add incentive for the roof to be framed in a more energy efficient manner.

Fiscal impact: decreases the cost of construction.

REVIEW RECOMMENDATION

Approve

Disapprove

Approve as amended

Further Study